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NEW DELHI, SATURDAY, JANUARY 23, 1965 (MAGHA 3, 1886)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड 2 PART III—SECTION 2

एकत्र कार्यालय द्वारा जारी की गई एकत्रों और डिजाइनों से संबंधित अधिसूचनाएं और नोटिसें।
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 23rd January, 1965

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

2nd January 1965

97259. F. W. Berk & Company Limited. Improvements relating to high temperature flame spraying pistons. (3rd January 1964).
97260. P. J. Olds, W. Olds and Cooroy Brickworks Pty. Ltd. A new and improved oil firing system. (3rd January 1964).
97261. The Metal Box Company Limited. Improvements in or relating to the closing of containers. (5th February 1964).
97262. Algemene Kunstzijde Unie N. V. An improved tricot beam.
97263. Maschinenfabrik Buckau R. Wolf Aktiengesellschaft. Plant for lixiviation of extract matter from vegetable matter, especially of sacchariferous matter from shredded sugar cane.
97264. Luk Lamellen Und Kupplungsbau GmbH. Clutch, especially for motor vehicles.
97265. Societe Anonyme Iwan Simonis S. A. Means for driving and braking shuttles for circular looms.
97266. VEB Elektro-Apparate-Werke Berlin-Treptow. Quick acting device for power circuit breakers.
97267. VEB Webstuhlbau Grossenhain. Gripping-shuttle-type weaving loom with two holding devices for the leading end of the weft that is to be carried across the warp threads.
97268. Formica Corporation. Outdoor decorative laminate.
97269. Didier-Werke AG. and Strico Gesellschaft-fur Metallurgie Und Warmetechnik mbH. Process for the recovery of molten pig iron or alloys of pig iron from ores and low grade coking coals and/or other carbonaceous fuels.
97270. T. Satake. Rice grain polishing machine.

97271. T. Satake. A machine of handling rice grains.
97272. T. Satake. Apparatus or screening grains.
97273. Technisch Ontwikkelingsbureau Van Elten N. V. Process and device for the preparation of a live-stock forage as well as live-stock forage prepared by application of the process.
97274. Continental Carbon Company. Carbon black masterbatch and method for preparing same.
97275. General Electric Company. Improvements in or relating to extraction separation.
97276. VEB Elektro-Apparate-Werke Berlin-Treptow. Maximum counter with coupling device.
97277. Vyzkumny ustav matematickych stroju. A ferrotransistor automatic control system.
97278. "Societe Anonyme Iwan Simonis" S. A. Means for braking and blocking the fabric in circular looms.
97279. General Electric Company. Improvements in or relating to resinous compositions and method of forming.
97280. General Electric Company. Manufacture of electric incandescent lamps.
97281. E. Merck Aktiengesellschaft. Isoquinoline derivatives and preparation thereof.
97282. Maschinenfabrik und Giesserei Netstal A. G. Improvements in or relating to a method and apparatus for injection moulding of hardenable plastics material. (23rd January 1964).
97283. G. A. Harvey & Co. (London) Limited. Improvements in or relating to filtration. (10th January 1964).
97284. Shell Internationale Research Maatschappij N. V. Process for the separation of straight-chain organic compounds with a mixture of branched chain and/or cyclic organic compounds.
97285. Textile & Allied Industries Research Organisation. Electric stop motion for speed frame. [Divisional date 4th October 1963].
97286. J. W. Littman. Continuous changing display device.

4th January 1965

97287. Bengal Scientific & Technical Works (Private) Limited. Improvements in or relating to incandescent lamps for lighting.

97288. Ashim Sen and Sukla Das Gupta. Medicine for the treatment of cancer.
97289. S. X. Antony. Simplified pick regulation for handlooms.
97290. Quality Products. An actuating register.
97291. J. N. Shah. An improved system of roasting and salting of cashew kernels.
97292. M. S. G. Muthuswami and V. P. Kandasami. "For hire" taxi roof indicator.
97293. Hindustan Lever Limited. Preparation of perfumery products.
97294. K. G. Shete. A stripping (road marking) machine which marks paint stripes of 2" to 6" width on roads, highways and aerodromes—Class (1).
97295. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Benzodiazepine derivatives and process for the manufacture thereof.
97296. Kaiser Aluminum & Chemical Corporation. Apparatus and method for forming cup-shaped metal containers.
97297. Toyo Koatsu Industries, Incorporated. Process for producing vinyl chloride from ethylene and chlorine.
97298. G. Janshi & Company. Sound producing apparatus.
97299. Eduard Kusters Maschinenfabrik. Process and apparatus for removing water from felt, paste, board, paper, cellulose and like webs of material.
97300. Nalco Chemical Company. Foraminous liner or partition for electrolytic cell. [Divisional date 24th July 1963].
97301. L. Vasudev. An improved double cutting tool arrangement for shapers, planers and the like.
97302. Mrs. Balasubramaniam Vijayalakshmi. Improvements in or relating to electrical jumper connections for low tension overhead power lines.
97303. Mrs. Balasubramaniam Vijayalakshmi. Improvements in or relating to soap-boxes.
97304. American Smelting and Refining Company. Improvements in or relating to burner. [Divisional date 21st June 1963].
97305. Amagasaki Iron & Steel Mfg. Co. Ltd. Method and apparatus for oscillatorily stirring a molten metal in a transfer ladle.
97306. John Preston and Company (Chemicals) Limited. Nickel plating process. (14th January 1964).
97307. Veb Elektro-Apparate-Werke Berlin-Treptow. Regulating element for overcoming the rotating field dependency occurring with three-phase current meters.
97308. Ministerul Industriei Petrolului Si Chimiei. Process for separation and purification of tetracyclines.
97309. Warner-Lambert Pharmaceutical Company. Chemical process.
97310. C. B. D. Carbon. Shock absorber piston with floating valve.
97311. Shell Internationale Research Maatschappij N. V. A process for the recovery of antimony fluorides from complex compounds of hexafluoroantimonic acid and hydrocarbons.
97312. Shell Internationale Research Maatschappij N. V. Method of making a hinge in a sheet of polyolefin material, and hinged sheet of polyolefin material made according to this method.
97313. Fisons Pest Control Limited. Chemical compounds and process. (11th January 1964).
97314. Wood Conversion Company. Method of and apparatus for denodulating and de-shotting synthetic mineral fiber.
- 5th January 1965
97315. Biuro Projektow Zakladow Przerobki Mechanicznej Wagla Separato. Sieve for separation of suspended granular substances.
97316. Koppers Company, Inc. Improvements in or relating to an extruder.
97317. The Wellcome Foundation Limited. Organic chemical compounds and methods. (8th January 1964). [Addition to No. 83066].
97318. International Nickel Limited. Nickel alloys.
97319. Imperial Chemical Industries Limited. Electrolytic process. (8th January 1964).
97320. Imperial Chemical Industries Limited. Veterinary compositions. (20th January 1964).
97321. Improved Machinery Inc. Wire wound filter with underlying peripherally spaced cover elements.
97322. FMC Corporation. Novel pesticide.
97323. Rohm & Haas Company. Addition polymers.
97324. Rohm & Haas Company. Polymeric compositions.
97325. C. A. V. Limited. Liquid fuel pumping apparatus for internal combustion engines. (9th January 1964).
97326. Panther Pumps & Equipment Company. Fluid power transfer apparatus.
- 6th January 1965
97327. Ibcon Private Limited. A lavatory flushing cistern.
97328. Ibcon Private Limited. An end breakage recording mechanism for jute spinning frames.
97329. Tokyo Shibaura Electric Company Limited. Control system for electric cars.
97330. Girling Limited. Improvements relating to booster-assisted hydraulic systems. (17th January 1964).
97331. Imperial Smelting Corporation (N. S. C.) Limited. Improvements in or relating to integrating devices. (21st January 1964).
97332. George Angus & Company Limited. Improvements in and relating to packing rings. (22nd January 1964).
97333. Maschinenfabrik und Giesserei Netstal AG. Method and equipment for the injection moulding of shaped articles from synthetic materials.
97334. Maschinenfabrik und Giesserei Netstal A.G. Accumulator plant for a pressure medium.
97335. Maschinenfabrik und Giesserei Netstal A.G. A nozzle device for injection moulding machines for synthetic materials.
97336. N. V. Onderzoekingsinstituut Research. Textured filament yarns and a process and apparatus for their manufacture.
97337. Sun Oil Company. Preparation of salicylic acid.
97338. Aktiebolaget Atomenergi. A product.
97339. K. G. Date. A fluorescent indicator for locks, keyholes, latches and keys.
- 7th January 1965
97340. R. G. Chaudhari. A locking and alarm raising device for alarm chain used to stop train.
97341. Mrs. Monica Prashant Barua. "Bildit" mini-slot angles with pre-determined, even-pitched slots, 1 round slot and 1 oblong slot alternatively.
97342. Aktiebolaget Kamyr. Rotary pump.
97343. Owens-Corning-Fiberglas Corporation. Method and apparatus for reducing fuzzing and breaking of strands.
- 8th January 1965
97344. Dr. R. P. Soonawala and C. B. Garware. Interuterine contraceptive device.
97345. Jahar Lal Bose. Cation exchange resin.
97346. Tokyo Shibaura Electric Company Limited. Control system for driving motors of electric cars.
97347. B. Bansal. New process for inlaying.
97348. Unilever Limited. Polymeric products. (10th January 1964).
97349. J. R. Geigy A. G. Process for the production of new aryloxy acetic acid amides.
97350. Imperial Chemical Industries Limited. Improvements in or relating to the manufacture of polymeric materials. (14th January 1964).

97351. Bergwerksverband GmbH. Process for the manufacture of azines. (18th January 1964).
97352. Eli Lilly and Company. Process for preparing desacetyl polynuclear indoles and compounds prepared thereby.
97353. Plessey-Uk Limited. Improvements in or relating to liquidfuel supply systems. (10th January 1964).
97354. Plessey-Uk Limited. Improvements in or relating to mechanical actuators. (10th January 1964).
97355. David Brown Tractors Limited. An improved hydraulic power lift mechanism for agricultural tractors or the like.
97356. Oldham & Son Limited. Improvements in or relating to electric storage batteries. (9th January 1964).
- [Addition to No. 78902].
97357. Bristol Siddeley Engines Limited. Manufacture of aerofoil blades. (9th January 1964).
97358. Ciba Limited. Manufacture of a new amine.
97359. Ciba Limited. Manufacture of a new amine.
97360. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Manufactured articles from thermoplastic polymers, having a diapered surface appearance, obtained by direct extrusion and process for the manufacture thereof.
97361. Siemens-Schuckertwerke Aktiengesellschaft. Improvements in or relating to switching apparatus.

Alteration of date

95486. Ante-dated to 2nd July 1963 under Section 5 of the Act.
96378. Ante-dated to 14th May 1963 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

87234. Ethicon, Inc. An instrument for applying U shaped surgical clips to the surface of a wound. Accepted on 1st January 1965.

Comprising an elongated body recessed at one end to receive and support the rear edge of a sheet metal clip yieldable arms extending outwardly beyond said recessed end, intumed jaws, said jaws having seats for receiving and supporting the front edge of said clip and said jaws being movable inwardly upon compression of said arms thereby applying the clip.

87319. Westinghouse Electric Corporation. Solid crystal bodies of a semiconductor material crystallizing in the diamond cubic lattice structure. Accepted on 6th January 1965.

Comprising two parallel elongated dendritic crystals web portion of same thickness there between, and crystallographically join-

ing said dendritic crystals into unitary body having plurality of twin planes extending therethrough.

87340. Abbott Laboratories. Rhodium hydrogenation catalyst and process of making aromatic amino compounds by utilising the same. Accepted on 8th January 1965.

Metallic rhodium supported on carrier, activity being exhausted through use in prior catalytic reactions as phenyl hydrogenation catalyst.

87366. The Motherwell Bridge and Engineering Company Limited and W. Kohring. Improvements relating to support means for an object liable to horizontal movement. (17th September 1962). Accepted on 8th January 1965.

Comprising a first support limb pivoted to a rigid member extending outwardly from the object to be supported, a second support limb pivoted at one end to the first limb and at the other to a rigid support.

87371. Centre De Recherches De Pont-A-Mousson. Sealing element for composite pipes and pipe joint including said element. Accepted on 2nd January 1965.

Comprising in combination with a polygonal massive body, a lip terminating in a bulge portion and being constricted in the region thereof adjacent the massive body to which it is connected internally by a low step and externally by a shoulder roughly midway of said massive body.

87429. R. K. Chopra. An apparatus for solvent extraction of fatty oil from oil bearing materials. Accepted on 7th January 1965.

Comprises an extractor, a slurry feed conveyor, and a wash filter fitted with a band conveyor, the said conveyor consists of two endless chains and a plurality of trays situated below the conveyor, the bottom of each tray is connected to each solvent circulating pump.

87553. Nippon Electric Company Limited. Multiple frequency selecting signal storage control circuit. Accepted on 2nd January 1965.

Comprising output relays, first relay for operating the second relay after confirming the operation of the output relays, and the contacts of second relay connected with the contacts of the output relays in series in circuit to storage relays cut out and control the steering circuit.

87938. Gevaert Photo-Producten N. V. Improvements in or relating to process of photocopying. Accepted on 7th January 1965.

Characterized in that an electrostatic charge pattern is created in or on a surface area of a material comprising a photoconductive layer by traversing material by an electric field during or subsequent to exposure of material to a pattern of radiation and while the area is contacted with a liquid.

87971. Montecatini Societa Generale Per L'Industria Mineraria E. Chimica. Benzoisothiazolone derivatives, process of preparing them, and fungicidal compositions containing the same. Accepted on 8th January 1965.

Containing as active ingredient a benzoisothiazolone prepared by reacting the sodium salt of benzoisothiazolone with an acyl halide.

88068. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to polycrystalline nickel-ferrite bodies, methods of their manufacture and magnetic heads comprising such ferrite bodies. Accepted on 5th January 1965.

A mixture of nickel oxide, zinc oxide, ferric oxide, is pulverised down to an average particle size, then desagglomerated in propeller mixing device and compressed.

88140. S. M. Patil. Improved cycle lamp. Accepted on 7th January 1965.

Characterised in that the switching mechanism consists of a cylindrical metal cap which is provided with a hole at its top and a spiral slot on its curved side, a dished in circular metal plate which is housed in the metal cap by means of a metal stud having a threaded end passing through the top hole of the metal cap fixed in the metal plate by nuts placed on either side.

88288. H. M. Morgan Co., Inc. Element and apparatus for measuring the modulus of elasticity in an elongated moving fiber structures, and for producing such structures using such measurement. Accepted on 7th January 1965.

Comprises a vibratory transducer arranged to oscillate in the direction of longitudinal extent of filar structure, a rotatable circular contact on transducer journaled about a central axis and adapted to bear at its periphery against filar structure.

88455. Deutsche Fibril Gesellschaft Ebers & Dr. Muller m.b.H. A method of producing mouldings from synthetic plastic-reinforced fibrous masses and mouldings produced by this method. (5th April 1963). Accepted on 7th January 1965.

The moulding produced by felting the fibres is treated by a spatially cross-linkable synthetic plastic material.

88700. The English Electric Company Limited. Improvements relating to fuses. (6th July 1962). Accepted on 1st January 1965.

Provided with at least one spacer disc mounted in the bore of the fuse body and includes means for locating said spacer disc or discs at a predetermined position or positions respectively along the length of the bore; holes or slots being provided in the spacer disc or discs for the location of fuse elements.

88710. Aziende Colori Nazionali Affini Acna S.p.A. Metallized dyestuffs. Accepted on 1st January 1965.

Treated dried copulation product of diazo of sulfamidic base on 1, 4-chloronaphthol with metallizing agent in presence of mixture of urea and dimethyl formamide or ethylene glycol.

88716. Kurashiki Rayon Company Limited. Method of manufacturing synthetic fibres of polyvinyl alcohol. Accepted on 2nd January 1965.

Subjecting the fibres of polyvinyl alcohol to heat stretch and dipping the fibres into aqueous solution containing phenol boron compound and aldehyde compound, and subjecting the pretreated fibres to acetalization reaction.

88717. J. R. Geigy A. G. Pigmenting with certain dioxazines. Accepted on 2nd January 1965.

Incorporating into organic materials certain dioxazines.

88721. Ashland Oil & Refining Company. Improvements in vulcanizable stereoregular rubber compositions, the processing thereof and pneumatic tires produced therefrom. Accepted on 2nd January 1965.

A method of processing a synthetic rubber like polybutadiene by incorporating therein a carbon black within the fineness range of HAF, ISAF and SAF grades of reinforcing furnace blacks.

88725. Shell Internationale Research Maatschappij N. V. Coating compositions containing esters of beta-hydroxy alkanones. Accepted on 2nd January 1965.

Comprises a solution of a normally solid resinous lacquer-forming polymer in an ester of a β -hydroxy alkanone.

88745. Shell Internationale Research Maatschappij N. V. Process and apparatus for the recovery of blown products from petroleum residues. Accepted on 4th January 1965.

Recovery of blown products from petroleum residues is comprised in which vapour product and the liquid product are withdrawn from the blowing unit, liquid product and possibly vapour product being cooled.

88746. Shell Internationale Research Maatschappij N. V. Process for the dewaxing of a wax-containing hydrocarbon oil. Accepted on 2nd January 1965.

By precipitation and separation of wax from the oil characterized in that wax precipitation is at least in part effected in the presence of polystyrene methacrylate.

88758. Indian Lac Cess Committee. A process for the preparation of heat and water proof shellac varnish whose air dried as well as baked films possess outstanding heat and water resistance and improved adhesion and flexibility. Accepted on 4th January 1965.

Incorporating a synthetic resin into the shellac varnish.

88760. Atlas Copco Aktiebolag. Improvements in positive displacement compressors. Accepted on 4th January 1965.

Cylinder casing, working cylinder means formed in said cylinder casing, means for positively compressing a gaseous fluid in said working cylinder means, an admission chamber for gaseous fluid in said compressor, an intake passage leading to said admission chamber and a compression chamber and a receiver for compressed gaseous fluid.

88761. J. R. Geigy A. G. Improvement in the preparation of phosphoric acid esters. Accepted on 4th January 1965.

Refluxing a dialkyl phosphoric acid halide with a hydroxypyrimidine in the presence of cupric chloride as catalyst.

88764. General Signal Corporation, formerly General Railway Signal Company. Code communication system and traffic control system for railroads employing the same. (11th April 1963). Accepted on 4th January 1965.

Comprising at the central station first means for transmitting time-spaced signals, second means for selectively extending duration of the signals and intervals between them, means for operating the second means to extend duration of calling signal, means for operating the second means to extend duration of an interval following a calling signal, and at each field station means to transmit a start signal.

88766. M & T Chemicals Inc. Process for preparing foamed coatings liquid plastisol composition suitable for preparing such coatings and metal objects coated with a thin foamed plastisol coating. Accepted on 4th January 1965.

A process for preparing foamed coatings comprising applying a coating composition consisting essentially of (a) polyvinyl chloride resin (b) a plasticizer and (c) an inorganic blowing agent and heating the coated surface until the fusion temperature is reached and then cooling.

88775. Shri Ram Institute for Industrial Research. A process for the production of octoic acid from butyl alcohol. Accepted on 2nd January 1965.

Characterized in that the 2-ethyl-2-hexenal is obtained directly from butyl alcohol by catalytic dehydrogenation of butyl alcohol followed by directly contacting the product with an aqueous alkali.

88782. Imperial Chemical Industries Limited. Method of sealing thermoplastic film and articles sealed thereby. (13th July 1962). Accepted on 2nd January 1965.

Comprises applying to the line or area of the seal to be made, on or both outer surfaces of the film assemblage, a bead or ribbon of molten polymeric material on an inert carrier medium, applying pressure to cause the seal to be made and allowing it to cool.

88795. Girling Limited. Improvements in disc brakes. Accepted on 6th January 1965.

The torque on at least the actuated pad being taken solely by means located at or adjacent the forward end of a rigid backing plate carrying the friction pad, that is, the end with which any given point on the surface of the disc first comes into alignment in the normal direction of rotation of the disc.

88799. Smith Fullerton Limited. Apparatus for separating liquids or solids from liquids. (7th July 1962). Accepted on 2nd January 1965.

Comprising a conduit having a series of fins projecting into the path of flow through the conduit.

88830. Sperry Rand Corporation. Fluid OR-gate. Accepted on 7th January 1965.

Characterised by at least two input ducts which lead toward a recovery chamber which is separated from the input ducts by an isolation duct and connected to an output duct.

88842. Esso Research and Engineering Company. Lubricating compositions. Accepted on 2nd January 1965.

Comprises a major proportion of lubricating oil, oil-soluble alkaline earth metal salt of a reaction product of an aldehyde, an alkylene polyamine, and an alkyl phenol, and a minor amount of detergent.

88853. Dr. S. M. Atlas. An improved process of manufacture of polyethylene and articles and materials therefrom. Accepted on 7th January 1965.

A process for the manufacture of articles of the group comprising tube and sheets, films and foils of polymers and copolymers wherein the production of the ultimate article is effected in a continuous and un-interrupted manner starting with one or more monomers placed in a reactor for the production of desired polymer or copolymer.

88869. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing fast dyeings or prints on cellulose materials. Accepted on 6th January 1965.

Is comprised in which a water soluble phthalocyanine dyestuff is padded or printed on cellulose materials and the dyestuff is fixed on the fibre with a reducing agent.

88884. Imperial Chemical Industries Limited. New colouration process. (19th July 1962). Accepted on 8th January 1965.

Comprises applying to the textiles a multiplicity of dyes having different reactivities or a colourless compound of high reactivity and a dyestuff of lower activity in an overlapping manner and restricting the amount of acid-binding agent

88926. The Bendix Corporation. Improvements in or relating to doppler navigation system. (17th May 1963). Accepted on 2nd January 1965.

Comprising multibeam antenna, means for deriving doppler shift frequencies, tunable oscillator means, means for slewing and tracking the latter, means for combining locally generated frequencies to produce alarm frequency and means for controlling the slewing.

88948. Indian Oxygen Limited. Containers for fluids under pressure. (16th July 1962). Accepted on 7th January 1965.

The wall of the container is formed with an opening through which fluid may be introduced to or withdrawn from the container through a hollow needle or similar member and this opening is closed by a bung which bears against opposite sides of the container wall.

88950. Pulp and Paper Research Institute of Canada. Process and apparatus for continuous drying of continuous web materials. Accepted on 7th January 1965.

Comprises a chamber with heated fluidised bed generating means, web supporting pervious means, conveying means and means for subjecting inner and outer surfaces of pervious means to sub-atmospheric pressure.

88952. Prabhat Products Company. An improved pillar-proof container. Accepted on 7th January 1965.

Characterized in that to the centre of the front side inner wall of the container is provided an extension tongue having an eye in its top, and the hinged closure member of the container carries a corresponding slot in its centre of the front side of its top surface.

88992. Metallgesellschaft Aktiengesellschaft. Device for charging of rotary kilns. Accepted on 7th January 1965.

Characterised by a ring canal, feeding slot, guide vanes, pockets and dosing device enclosed by a casing and having feeding apertures.

89029. Standard Telephones and Cables Limited. Improvements in or relating to electrical circuits for monitoring the current in a supervised circuit. (24th August 1962). Accepted on 4th January 1965.

Comprising an impedance in supervised circuit through which current to be monitored flows, and an amplifier having its input connected across said impedance.

89033. Dr. T. Eder. Process and apparatus for separating granular solids into two or more end fractions. Accepted on 2nd January 1965.

Subjecting the material while falling to the action of an upwardly moving current of liquid.

89042. Stull Chemical Company. A process for preparing agricultural chemical spray mixtures. Accepted on 7th January 1965.

Introducing at least one fluid system into a coagulation zone during spraying operations, and continuously removing the coagulated mixture for instant spraying on a target area.

89062. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to compositions for combating undesirable plant growth. Accepted on 7th January 1965.

Consists of pentachloro-n-butoxy-cyclotriphosphazatriene and a carrier.

89070. AMP Incorporated. Explosively operated tool. [Addition to No. 86123]. Accepted on 7th January 1965.

Improvement in Indian Patent Specification No. 86123 wherein a cap at one end of the combustion chamber is struck so that the forces generated by the blow are transmitted to a firing pin within the combustion chamber by dynamic inversion to detonate the percussion cap.

89138. M. M. Nanavati. Improvements in or relating to a device for indicating the level of liquids in containers particularly the level of the electrolyte in electric storage batteries. Accepted on 7th January 1965.

Comprising a body adapted to be secured to or in an opening on the top of the container, a float and an indicating member secured to the float and passing through a hole in the body, a transparent member covering the top of the body, hole or aperture in the body for pouring the liquid into the container.

89204. British Nylon Spinners Limited. Improvements in or relating to the manufacture of bulked yarns. (14th August 1962). Accepted on 7th January 1965.

Comprises in false-twisting of the two components of different spun orientation together at drawing.

89289. E. Merck Aktiengesellschaft. Agents for combating undesirable plant growth. Accepted on 8th January 1965.

Containing fluorene-9-carboxylic acid, its salts, esters and amides and one or more other herbicidal agents.

89297. The Goodyear Tire & Rubber Company. Improvements in safety tire having an inner tire provided with a chafe and puncture resisting tread. Accepted on 6th January 1965.

Relating to the construction of the safety wall forming at least a part of the inner chamber and carrying the load when the outer chamber is deflated.

89393. Les Usines De Melle. Improvements in the manufacture of acetic anhydride. Accepted on 4th January 1965.

Oxidising acetaldehyde in an oxidation bath in the presence of aldehyde oxidation catalysts.

89458. Shell Internationale Research Maatschappij N. V. Lubricant compositions with improved detergent properties. Accepted on 8th January 1965.

Containing an ester of an alkenyl- or alkyl-succinic acid and a polyhydric alcohol.

89476. Universal Oil Products Company. Process for hydrogenating heavy hydrocarbon oil. Accepted on 8th January 1965.

Reacting the heavy oil with hydrogen in the first zone at 370–440°C and reacting at least a portion of the first stage product with hydrogen in the second zone at 413–468°C.

89550. Sperry Rand Corporation. Process for forming a matrix array of magnetic elements on a suitable substrate of electrically insulating non-magnetic material. Accepted on 7th January 1965.

Characterized by forming a first layer or film of a non-magnetic electrically conductive element or elements on the substrate, forming a second layer or film of magnetic material on first layer or film, removing part of the total area of second layer of film to leave a desired matrix array of discrete magnetic elements and then removing first layer or film where it has been exposed by the removal of part of total area.

89653. C. Valls. A machine for the continuous treatment of textile articles. Accepted on 7th January 1965.

Comprising a plurality of elongated treatment chambers assembled one adjacent another, interconnected to provide a sinuous path for material through the chambers, rollers disposed within the chambers for guiding material, means for adjusting the speed of travel, means for permitting inlet of treating liquid.

89662. Phillips Petroleum Company. Preparation of polybutadienes. Accepted on 5th January 1965.

Polymerization is conducted initially at a low temperature to obtain 40% conversion and then continued at higher temperatures.

89721. W. Scheffel. Loom with pneumatic picking means. Accepted on 8th January 1965.

The weft thread is stored in a tube through which flows compressed air, the tube being provided with a longitudinal slot located toward the area bounded by the tube and a thread brake adapted to cooperate with the tube.

89731. Mefina S. A. Shuttle device having a rotating hook for a sewing machine. Accepted on 6th January 1965.

Characterised by the escapement having oscillating axis parallel to the axis of rotation of hoom, control cam secured to driving shaft of hook below the race, escapement comprising two beaks.

89834. Pickers Limited. Improvements in or relating to bobbin rim. Accepted on 7th January 1965.

The rim is rotatably mounted on the boss and spring loaded by a spring held between the rim frame and the boss.

89903. Hercules Powder Company. Improvements in or relating to polypropylene foam and process of making same. Accepted on 7th January 1965.

Blending stereoregular polypropylene with a blowing agent and an azido cross-linking agent and heating the blend to release gas.

90072. Aziende Colori Nazionali Affini Acna S.p.A. Reactive dyestuffs. Accepted on 5th January 1965.

Cyanuric chloride is conducted with sodium salt of a N-omega-methane-sulphonic acid and the product obtained is condensed with a dye-stuff containing chromogen groups.

90398. Chemische Werke Witten Gesellschaft Mit Beschränkter Haftung. Process for the production of aryl esters of carboxylic acid. Accepted on 7th January 1965.

Methyl esters of the acids are heated in the presence of reesterification catalysts with at least equivalent quantities of phenol and/or alkyl and/or aralkyl phenols or naphthols at above 160°C.

90415. Head, Wrightson & Company Limited. Improvements relating to the drying and cleaning of small or fine coal, or other particulate materials, containing components of different specific gravities. (12th November 1962). [Addition to No. 80582]. Accepted on 8th January 1965.

Material treated in at least one fluidised bed is caused to discharge from such bed by overflowing therefrom at substantially the whole periphery of said bed.

90418. N. V. Onderzoekingsinstituut Research. A method and an apparatus for winding yarn into a package. Accepted on 8th January 1965.

The yarn is axially traversed backwards and forwards along the package by means of a gaseous or vaporous driving medium.

90656. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to electric discharge valves. accepted on 2nd January 1965.

At least the cathode side of the anode being coated with a gas binding layer obtained from a layer of nickel particles sintered to the anode metal, whilst the interstices between said particles are filled out with a powdery gas-binding mass.

95486. Shell Internationale Research Maatschappij N. V. Process for the preparation of esters of beta-hydroxy alkanones. [Divisional date 2nd July 1963]. Accepted on 2nd January 1965.

Reacting in liquid phase a β -hydroxy alkanone with a ketone.

96378. Gevaert Photo-Producten N. V. Improvements in or relating to process of photocopying. [Divisional date 14th May 1963]. Accepted on 7th January 1965.

Characterized in that a material comprising a photo conductive layer is exposed to a pattern of radiation and is simultaneously or subsequently traversed by an electric field in which a supply of a liquid made available near to material so that liquid is selectively or differentially attracted from supply and deposited to form a liquid pattern according to the radiation pattern.

Patents Sealed

83456. 83782. 83958. 83959. 84430. 84727. 84766.
 84870. 85084. 85257. 85339. 85360. 85442. 85602.
 85627. 85648. 85963. 85966. 85970. 86442. 86517.
 86554. 86632. 86672. 86691. 86736.

Renewal Fees Paid

43227. 44513. 44540. 44542. 44582. 44676. 44678.
 44854. 46473. 46534. 46543. 46603. 46616. 47110.
 48778. 48837. 48852. 48890. 48937. 49015. 49217.
 49218. 49581. 50983. 50986. 51150. 51182. 51292.
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 53782. 53887. 53943. 54146. 55019. 55800. 55864.
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 56309. 56502. 56503. 56550. 56575. 56632. 56680.
 56681. 56851. 56906. 56930. 57005. 57032. 57184.
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 60293. 60961. 61111. 61361. 61640. 62003. 62496.
 62767. 62785. 62786. 62828. 62851. 62855. 62856.
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 63011. 63016. 63017. 63018. 63035. 63060. 63088.
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 66301. 66302. 66303. 66304. 66315. 66362. 66399.
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 67381. 67420. 67431. 67979. 68139. 68751. 69088.
 69138. 69807. 70247. 70307. 70334. 70367. 70399.
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 70561. 70562. 70578. 70580. 70598. 70686. 70703.
 70782. 70813. 70909. 70910. 70916. 71053. 71080.
 71081. 71090. 71104. 71154. 71155. 71271. 71996.
 72009. 72337. 72889. 72965. 73041. 73251. 73252.
 73916. 74164. 74514. 74767. 74802. 74836. 74848.
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 74950. 74953. 74956. 74981. 74982. 75065. 75081.
 75095. 75111. 75130. 75159. 75160. 75161. 75205.
 75206. 75221. 75225. 75233. 75260. 75288. 75294.
 75295. 75325. 75341. 75342. 75354. 75412. 75420.
 75422. 75476. 75484. 75487. 75501. 75568. 75588.
 75652. 75670. 75684. 75738. 75786. 75788. 75826.
 75830. 75882. 75969. 76376. 76477. 76579. 76637.
 76753. 76817. 76964. 77754. 78485. 78812. 79920.
 79944. 80383. 80384. 80430. 80431. 80574. 80586.
 80665. 80724. 80937. 81056. 81074. 81372. 83863.

Cessation of Patents

43848. 48158. 48160. 50149. 50422. 50426. 50428.
 50430. 50447. 58571. 58583. 61902. 61903. 61930.
 65435. 65436. 65446. 69243. 69246. 69262. 69263.
 69281. 69285. 73527. 73559. 73560. 73563. 73576.
 73594. 73598. 83602. 73613. 73614. 73621. 73626.
 73659. 73676.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 123327. Tiger Products, Private Ltd., Marris Road, Aligarh, (U.P.), India, (a company incorporated under the Indian Companies Act), "A safety razor", September 5, 1964.

Class 3. No. 122595. De-Luxe Cosmetics, an Indian partnership concern, 53/76, W.E.A., Karol Bag, New Delhi, "A container for chap-stick", June 27, 1964.

Class 3. No. 123041. AMP Incorporated, a corporation organised and existing under the laws of the State of New Jersey, Eisenhower Boulevard, Harrisburg, Pennsylvania, United States of America, "An insulating housing for electrical connectors", August 18, 1964.

Class 3. No. 123101. Rekha Chowdhuri, Indian Nationality, 46, Lower Range, Calcutta-19, West Bengal, India, "Decorative panels", August 22, 1964.

Class 3. No. 123304. Kulbhushan Khurana, Faridabad, Punjab, An Indian National, "Soles for footwear", September 4, 1964.

Class 4. 122943. Mohd. Ishaq, Ideal Stationers, 19, Civil Lines, Near Centenary Gate, Roorkee, Dt. Saharanpur, U.P., Indian subject, "Ink pot", August 7, 1964.

Class 13. Nos. 123842 to 123848. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estates, 41E, Parel Chawl Road, Lalbaug, Bombay 12, Nationality—Indian Business concern (Private limited company), "Textile goods including silks and art-silk piece-goods", October 31, 1964.

Class 13. Nos. 123903 to 123927. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay 13, "Cotton piecegoods", November 4, 1964.

Class 13. Nos. 124088 to 124103. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay-1, Maharashtra, State, "Textile goods", November 25, 1964.

A. JOGARAO

*Controller General of Patents,
 Designs & Trade Marks*

*Name & Application No.**P—contd.*

Paul, B. B.—96802.
 Pearl Mechanical Engineering & Foundry Works (Pvt.) Ltd.—97061.
 Perez, L. S.—96970.
 Petro-Tex Chemical Corporation—97201.
 Phillips Petroleum Company—96937.
 Pilkington Brothers Ltd.—97089.
 Pirelli General Cable Works Ltd.—97007.
 Pirelli Societa Per Ayioni—97243.
 Plastic & Industrial Corporation Private Limited, The 96826.
 Plessey-UK Limited—96813.
 Prem Engineering Works—97170.

R

Radio Corporation of America—96870.
 Ramanen G. V. Dr.—97093.
 Rammohan, C.—96792.
 Rao, C.I.S.—97091, 97092, 97094, 97236.
 Rao, C. R.—97113.
 Rao, M. R.—96897.
 Rao, V. P. R.—96973.
 Raytheon, Co.—97129, 97130, 97131, 97132, 97133, 97202.
 Rehabilitation Industries Corporation Ltd.—97173, 97181.
 Research Institute for Medicine and Chemistry, Inc.—97112.
 Rhone-Poulenc S. A.—96961.
 Rockwell-Standard Corporation—97019, 97200.
 Rocma Anstalt—96856.
 Rodi & Wienenberger Aktiengesellschaft—97006.
 Rodrigues, C. M.—97194.
 Rodrigues, M. F.—97194.
 Rogers Corp.—97144, 97145, 97183.
 Rohm & Haas Co.—96831, 97114.
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Sandoz Limited—96812, 97075.
 S. & R. J. Everett & Company Limited—96949.
 Sandvikens Jernverks Aktiebolag—97028.
 Satake, T.—96858, 96976.
 Sathe, S. R.—97032.
 Schmidt Salzmänn, W.—96887.
 Sengupta, S.—97097.
 Shand Safety Equipment Proprietary Limited—96935.
 Sharma, D. V. D.—96859.
 Sharma, K. K. D.—96859.
 Shaw Processes (India) Pvt. Ltd.—97088.
 Shell Internationale Research Maatschappij N. V.—96875, 96902, 97086, 97117, 97140, 97230.
 Shionogi & Co. Ltd.—97235.
 Shri Ram Institute for Industrial Research—97107.
 Siemens & Halske Aktiengesellschaft—96822.
 Silika-Und Schamottefabriken Martin & Pagenstecher Aktiengesellschaft—97148.
 Singer Company, The—96905.
 Singh M.—97137.
 Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A.—96946, 97083, 97141.
 Societe Anonyme D'Etudes Et Realisations Nucleaires (Sodern)—97015.
 Societe Anonyme D'Etudes Ferroviaires—96855.

*Name & Application No.**S—contd.*

Societe D'Exploitation Des Ressorts Anto- Amortisseurs Jarret—96857.
 Societe Fives Lille Cail—96844.
 Societe Generale Insothermos—97069.
 Sonic Development Corp. of America—97119.
 Sperry Rand Corporation—96799, 96908, 96909, 97040.
 Spindelfabrik Sussen, Schurr, Stahlecker Grill G.m.b.H.—97060.
 Spofa Sdruzeni Podniku Pro Zdravotnickou Vyrobu—96893.
 Srinivasa—96969.
 Stamicarbon N. V.—96809, 97239.
 Standard Oil Company—96963.
 Standard Telephones and Cables Limited—96914, 96915, 96916, 96917, 96918, 96948, 97128, 97163, 97164, 96811, 96840, 96845, 97203.
 Step Cosmetics—97172.
 Storey Brothers and Co. Ltd.—97146.
 S.U. Carburetter Co. Ltd., The—97102.
 Sumitomo Chemical Co. Ltd.—97022.
 Sunwal, L. N.—97158.
 Super Gil Seals & Gaskets Ltd.—96943, 96944.

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Tembe, M. K.—96900.
 Texas U.S. Chemicals Co.—97229.
 Toa Gosei Kagaku Kogyo Kabushiki Kaisha—96977.
 Tokyo Shibaura Electric Co. Ltd.—96836, 96837, 97180.
 Tolmassky, I.S.—96824.
 Toyo Kakai Kabushiki Kaisha—97227.
 Trusteel Corporation (Universal) Ltd.—97087, 97174.

U

Union Carbide Corporation—96996, 97041, 97120.
 United States Steel Corporation—96795, 96941, 96942, 96947, 97040, 97122, 97154.
 Universal Oil Products Co.—97105, 97213, 97214, 97215, 97216.
 Universal Protein Establishment—96881.

V

Vandervell Products Ltd.—96877.
 Visudev D. K.—97206.
 Veb Elektro Apparate Werke Berlin Treptow—96791.
 Veb Elektrochemisches Kombinat Bitterfeld—96930.
 VEB Filmfabrik Wolfen—96846, 97167.
 Veeder-Root, Inc.—96931.
 Vereinigte Glanzstoff-Fabriken A.G.—96883, 96884, 96885, 96886.
 Vereinigte Österreichische Eisenund Stahlwerke Aktiengesellschaft—97177, 97178.
 Volkov, V. L.—96824.

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Watton R. R.—97221.
 Wellcome Foundation Ltd., The—96839, 97212.
 Western State Machine Company, The—96821.
 Westinghouse Brake and Signal Company Ltd.—96865.
 Westinghouse Electric Corporation—96935, 97034, 97035.
 Widegren, L. H.—96882.

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 Designs and Trade Marks*

